

What we claim is,

1. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1);
(11-20) and (1-100) sides; and

5 a longer slanting edge (L) and a shorter slanting edge (S) formed at two
obversely-clockwise neighboring corners on a side opposite to the (11-20) side as a reference
side.

2. The obverse/reverse discriminative rectangular nitride semiconductor wafer according
to claim 1, wherein lengths of the longer slanting edge (L) and the shorter slanting edge (S)
10 satisfy inequalities $S < L$, $K/40 \leq L \leq K/12$ and $K/40 \leq S \leq K/16$, where K is a sum of lengths
of four sides of the rectangular wafer.

3. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1);
(11-20) and (1-100) sides; and

15 a longer slanting edge (L) and a shorter slanting edge (S) formed at two
obversely-clockwise neighboring corners on a side opposite to the (1-100) side as a reference
side.

4. The obverse/reverse discriminative rectangular nitride semiconductor wafer according
to claim 3, wherein lengths of the longer slanting edge (L) and the shorter slanting edge (S)
20 satisfy inequalities $S < L$, $K/40 \leq L \leq K/12$ and $K/40 \leq S \leq K/16$, where K is a sum of lengths
of four sides of the rectangular wafer.

5. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1);
(11-20) and (1-100) sides; and

25 an asymmetric slanting edge formed at an obverse-counterclockwise corner of a

(-1-120) side opposite to the (11-20) side as a reference side,

the asymmetric slanting edge inclining to an obverse-counterclockwise neighboring side at an angle Θ between 5degrees and 40degrees ($5^{\circ} \leq \Theta \leq 40^{\circ}$) and having a length between $K/40$ and $K/16$, where K is a sum of lengths of four sides of the rectangular wafer.

5 6. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1);

(11-20) and (1-100) sides; and

an asymmetric slanting edge formed at an obverse-counterclockwise corner of a (-1100) side opposite to the (1-100) side as a reference side,

10 the asymmetric slanting edge inclining to an obverse-counterclockwise neighboring side at an angle Θ between 5degrees and 40degrees ($5^{\circ} \leq \Theta \leq 40^{\circ}$) and having a length between $K/40$ and $K/16$, where K is a sum of lengths of four sides of the rectangular wafer.

7. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1); and

15 (11-20) and (1-100) sides,

wherein the sides are bevelled asymmetrically for an obverse and a reverse and an obverse bevelling width (g) is smaller than a reverse bevelling width (h).

8. The obverse/reverse discriminative rectangular nitride semiconductor wafer according to claim 7, wherein the obverse bevelling width (g) and the reverse bevelling with (h) satisfy
20 inequalities of $g < h$, $100 \mu m \leq g \leq 400 \mu m$ and $300 \mu m \leq h \leq 1000 \mu m$.

9. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1);

(11-20) and (1-100) sides; and

characters written in normal posture on the obverse surface in parallel with the (11-20)
25 side along a [1-100] direction by laser marking.

10. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1);
(11-20) and (1-100) sides; and
characters written in inverse posture on the obverse surface in parallel with the (11-20)
5 side along a [1-100] direction by laser marking.
11. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1);
a reverse surface opposite to the obverse surface;
(11-20) and (1-100) sides; and
10 characters written in normal posture on the reverse surface in parallel with the (11-20)
side in a [1-100] direction by laser marking.
12. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1);
a reverse surface opposite to the obverse surface;
15 (11-20) and (1-100) sides; and
characters written in inverse posture on the reverse surface in parallel with the (11-20)
side in a [1-100] direction by laser marking.
13. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1);
20 (11-20) and (1-100) sides; and
characters written in normal posture on the obverse surface in parallel with the (1-100)
side in a [11-20] direction by laser marking.
14. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:
an obverse surface of (0001) or (000-1);
25 (11-20) and (1-100) sides; and

characters written in inverse posture on the obverse surface in parallel with (1-100) side in a [11-20] direction by laser marking.

15. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:

an obverse surface of (0001) or (000-1);

5 a reverse surface opposite to the obverse surface;

(11-20) and (1-100) sides; and

characters written in normal posture on the reverse surface in a [11-20] direction in parallel with the (1-100) side by laser marking.

16. An obverse/reverse discriminative rectangular nitride semiconductor wafer having:

10 an obverse surface of (0001) or (000-1);

a reverse surface opposite to the obverse surface;

(11-20) and (1-100) sides; and

characters written in inverse posture on the reverse surface in a [11-20] direction in parallel with the (1-100) side by laser marking.